PORTABLE LIBS SPECTROMETER

Metal spectrometer is designed for operational input inspection of rolled metal products, determination of steel grades, a scrap of non-ferrous and ferrous metals and alloys. This Spectrometer provides high speed in determining chemical elements: C, Si, Mn, Cr, Ni, Fe, Mg, Al, V, Cu, Zn, Sn, Mo, Ti, W, Nb, Pd, Ag, Cd, Pt, Au, and others.

FEATURES OF SPECTROMETER LIS-02

Carbon analysis: The spectrometer LIS-02 allows to measure carbon concentration in steels without using argon, directly in the air.

Speed: High speed analysis, result in 1 sec.

Accuracy: Provides unsurpassed resolution of 0.01 nm over the entire measurement range.

Portability: Small dimensions and weight comparable to a handheld power tool.

Reliable: LIBS Spectrometer has unlimited operating life, compared to X-ray fluorescence spectrometers (XRF).

Built-in grade library: Based on the results of the analysis, the steel or alloy grade is displayed on the screen.

CE Value: Measurement of carbon equivalent values

Camera: High resolution camera to capture the location of analysis.